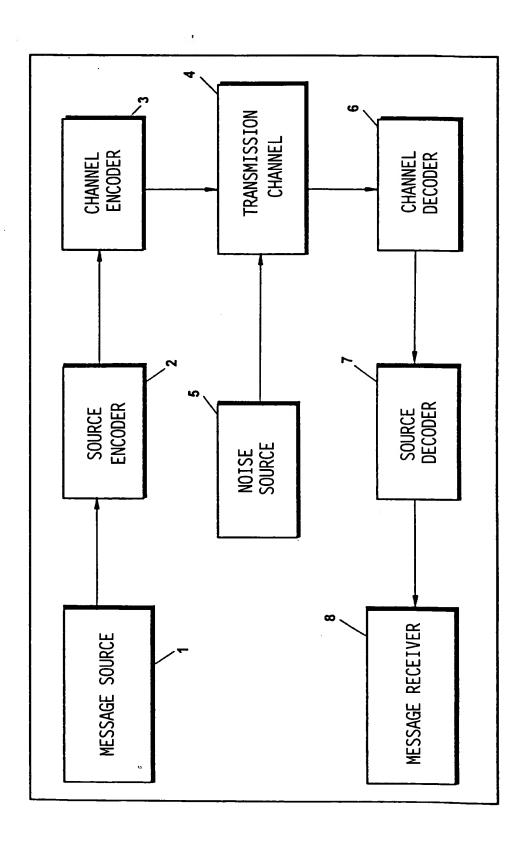
1/4

Fig. 1



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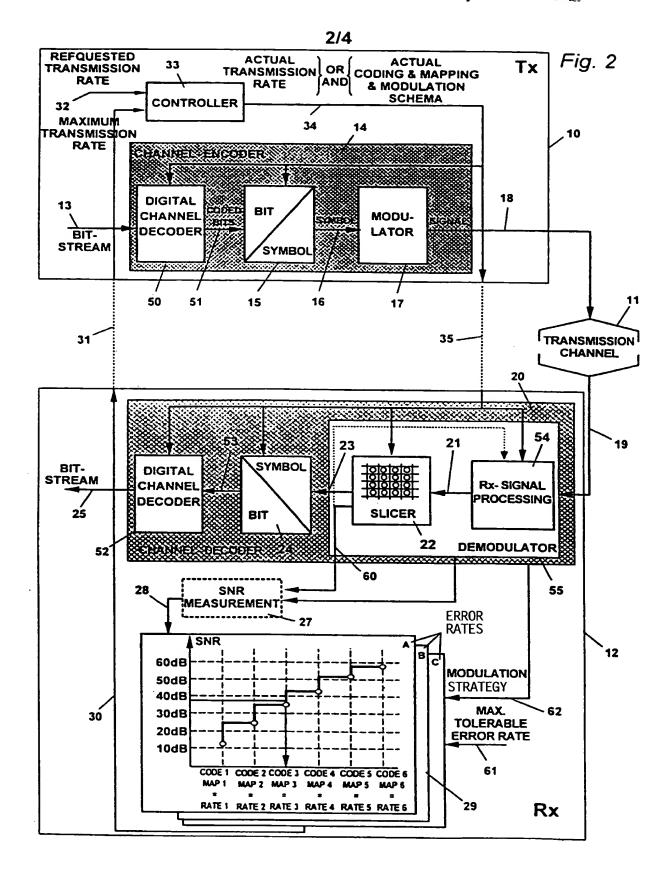


Fig. 3 MAX. SNR **TOLERABLE** Tx 41 60dB ERROR RATE 50dB 61 40dB SNR- MEASURED 32, LOSS- Tx 30dB **POWER CONTROL** SNR RATE REQUESTED 20dB RANSMISSION 10dB 42 **RATE** 34 CODE 1 CODE 2CCCE 3CCCE 4CCCE 5 CCCE 6 MAP: MAP: MAP: MAP: MAPS MAPS ACTUAL **ACTUAL** MOD 1 MOD 2 MCD 3 MOD 4 MCD 5 MCD 6 OR CODING & MAPPING TRANSMISSION AND RATE 1 RATE 2 RATE 2 RATE 4 RATE 5 RATE 5 RATE & MODULATION **SCHEMA** CHANNEL ENCODER CODED BIT DIGITAL 13 BITS Tx-SIGNAL SYMBOL Tx-SIGNAL CHANNEL SIGNAL PROCESSING PROCESSING BIT-DECODER PART 1 PART 2 TREAM SYMBO MODULATOR 50: 17 TRANSMISSION 40 -CHANNEL _35 20 54 28-21 SYMBOL вп-DIGITAL TREAM **Rx-SIGNAL** CHANNEL **PROCESSING DECODER SLICER** BIT. 25 22 **DEMODULATOR** CHANNEL DECODER ×24 28-55 SNR MEASUREMENT Rx 27



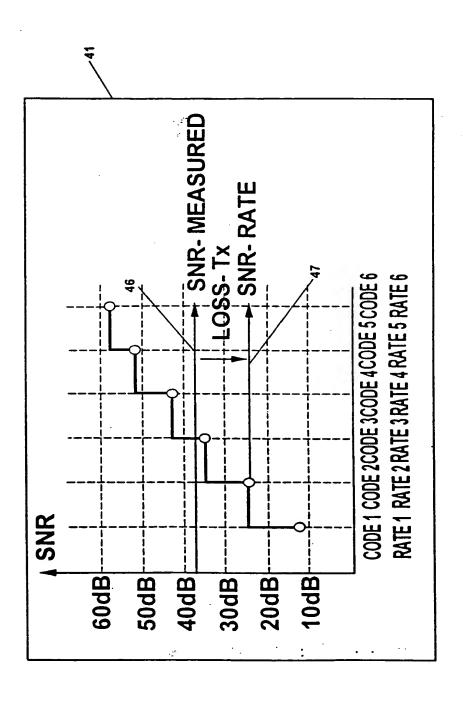


Fig. 4